



Stantec

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November 13, 2008
File: LV2008008

Kentucky Office of the 911 Coordinator/CMRS Board
200 Mero Street
Frankfort, KY 40622

Attention: Mr. Ralph Coldiron

Dear Mr. Coldiron:

**Reference: CMRS Geospatial Audit
BEATTYVILLE - LEE COUNTY 911
61 RIVER DRIVE
BEATTYVILLE, KY 41311**

The Geospatial Audit of BEATTYVILLE - LEE COUNTY 911 located in LEE County was conducted on 10/27/2008. BEATTYVILLE - LEE COUNTY 911 provides wireless 9-1-1 service for Lee County.

PSAP MAPPING SUMMARY

Information on the mapping solution employed by the PSAP was collected as part of the audit process, which includes the type of software and system, the vendor, the version and the layers being used at the time of the audit. In addition, this summary may include notes and observations taken while conducting the audit. 202 KAR 6:100 specifies the requirements of mapping software used in certified PSAPs. The software used by BEATTYVILLE - LEE COUNTY 911 does not meet this requirement.

FIELD DATA TESTING

In accordance to the requirements of the Geospatial Audit, 20 random points for jurisdiction of the PSAP or for each county served by the PSAP were tested by collecting field GPS information and address information and comparing the results of plotting the two elements with the 9-1-1 solution employed by the PSAP. The result of this portion of the audit is that 0% of the points tested met the criteria of the Audit. Passing criteria is that 90% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 4.

WIRELESS 9-1-1 FUNCTION

In accordance to the requirements of the Geospatial Audit, 20 wireless 9-1-1 calls were documented for data, software, and mapping function. The result of this portion of the audit is that 90% of the calls documented met the criteria of the Audit. Passing criteria is that 66% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 3.

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November 13, 2008
Mr. Ralph Coldiron
Page 2 of 2

Reference: CMRS Geospatial Audit

CONCLUSION

Mapping Component	<u>Does not meet audit criteria</u>
Field Data Component	<u>Does not meet audit criteria with</u> 0% of points tested meeting criteria
Wireless Data Component	<u>Meets audit criteria with</u> 90% of calls tested meeting criteria

Based on the results of the audit, BEATTYVILLE - LEE COUNTY 911 does not meet the standards set by legislation and administrative regulation.

The detailed documentation of the audit with observations and recommendations is attached. The documentation is separated into a report of the software and data used by the PSAP with observations and recommendations; Field Data Report; and Wireless Data Report. Please note that supporting printouts and printed maps are included in the electronic copy of this report.

Sincerely,

Stantec Consulting Services Inc.

James B. Morse
GIS Project Manager
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Attachment: Report Details

c. Files

j v:\1756\active\175658008\gis\merged summary letter.doc

PSAP Mapping Component Summary

PSAP Name *BEATTYVILLE - LEE COUNTY 911*

Address	61 RIVER DRIVE	Audit Date	10/27/2008
City	BEATTYVILLE	Audit Personnel	MCCORMICK
Contact	BETTY SEBASTIAN		
Contact Title	DIRECTOR		

Software	Version	Vendor
POWERMAP	3.3 SP2	POSITRON

Mapping Layers Used

Road Centerlines: ☒

Point Addresses: ☐

Ortho Photography: ☐

Other Layers: ☒ **Type of 'other' layers used by PSAP:**

The map has 3 layers: Road, City, County

Notes and Observations:

The map was last updated in August 2008 and the frequency of updates is quarterly. The data for the map is obtained by and installed in the map by the Kentucky River Area Development District - Joe Brodwell

The data from the map was obtained by Betty Sebastian and the wireless calls were obtained by Brenda Lucas

Observation and comments :(1) This system is part of the new viper project and was just installed two weeks ago - approximately 10/17/08. (2) This system replaced a system using Interact mapping which had a more in-depth data base - structures and address that had been GPS located according to the director. (3) The new system did not use the existing data base but chose to use a data base having only centerline and range address. The system was also configured to geocode to the centerline and not off set address points to left or right of the segment. Subsequent conversations with CMRS staff confirmed that AT&T had loaded an older database into the system. (4) It was noticed that during the wireless calls that some of the calls were going to busy or were rolling over to the administration lines. According to AT&T there was s problem with some Windstream equipment that was in the process of being corrected, however the one trunk line should not have been going to busy but should have been rolling over to the administration line if the other trunk line was busy. (6) Also the ALI printer was out of service and waiting on AT&T to make it functional. (7) There were several trouble tickets that had been issued to AT&T to get equipment operational.